Video CD Internet

Guidelines

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PUBLISHING

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I. Introduction

- These guidelines are intended to specify how to link a Video CD disc to WWW home pages.
- These guidelines apply to Video CD discs which contains URL addresses in order to link to WWW home pages.
- Simple text files are used to define the relation between the contents on a Video CD disc and URL addresses.
- These guidelines are based on the [WHITE BOOK].

I.1 References

White book	VIDEO CD SPECIFICATION VERSION 2.0, Philips Consumer Electronics B.V., April 1995.
Video CD-Rom for Windows	Video CD-Rom for Windows Specification Guidelines Revision 1.0, Open MPEG Windows Forum, March 18, 1996.
ISO 646	Information processing - ISO 7-bit coded character set for information interchange. Ref. No. ISO 646 : 1983 (E).

II. Guidelines for title development

- The URL addresses corresponding to the Play List and/or the Selection List or a Track are contained within files named "DSC2URL.DAT" and "URL2DSC.DAT".
- "DSC2URL.DAT" is used for looking up the URL addresses that correspond to the Play List, the Selection List or a Track. "URL2DSC.DAT" is used for looking up the Play List, the Selection list or a Track that corresponds to the URL address.

II.1 Directory that contains the files with URL addresses

- The directory name that contains "DSC2URL.DAT" and "URL2DSC.DAT" has the reserved name "INTERNET".
- The directory "INTERNET" is a subdirectory of the "DATA" directory.
- An example of the directory structure is shown in figure II-1.

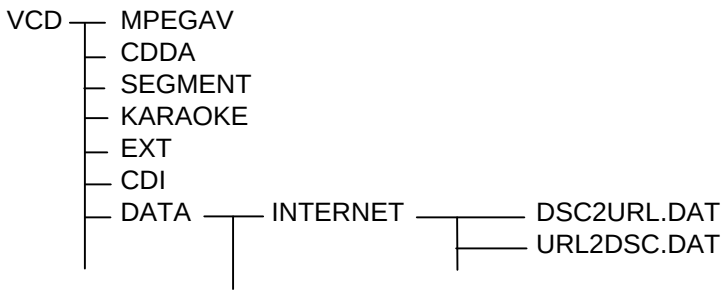

Figure II-1 An example of the directory structure

- For the basic structure of the directory, refer to WHITE BOOK Chapter III.2 and Video CD-ROM for Windows Specification Guidelines

II.2 DSC2URL.DAT, URL2DSC.DAT

- An example of "DSC2URL.DAT" is shown in figure II-2. An example of "URL2DSC.DAT" is shown in figure II-3. "URL2DSC.DAT" uses the same format as "DSC2URL.DAT". Each file contains the definition of the version number, one or more character sets and URL references.
- The first character of a comment line is a semicolon (";").
- A continuated line starts with a Space or a Tab character.

II.2.1 Version Number

- The version number of the Internet Guidelines is written in the first line. The first character of the line is (;). The version number is encoded in the style: "ver1.0".

II.2.2 Character Set

- A line with the format "character set=$XX" contains a character set definition. The character set is valid until the next character set is defined. The number $XX is defined in chapter III.2 in Video CD Specification version 2.0.
- A character set is valid only for the Remark field. Other items are encoded using ISO 646.

II.2.3 URL Reference

- A URL Reference defines the relation between Playing Scene and the URL address(es).
- List ID of Play List and/or Selection List or Track number is used to specify a Playing Scene.
- A comment for each URL address can be written as Remark.
- Playing Scene, URL address and Remark are separated by a Space or a Tab character.
- Each URL reference is aligned in ascending order of the List ID or Track Number.
- All URL references in which a Playing Scene is specified by Track Number are put after the URL references in which Playing Scenes are specified by List ID.

II.2.3.1 Playing Scene

- A Playing Scene is specified by a List ID of the Play List and/or the Selection List or by a Track number.
- LXXXXX stands for List ID number XXXXX.
- TXX-YY stands for the YYth Entry of Track Number XX.
- "-YY" is an option. If Entry is not specified, the default value of Entry is 1.
- If a Playing Scene is not defined in a line, the previous List ID or Track Number is referred.

II.2.3.2 URL Address

- One Playing Scene can assign one or more URL addresses.
- A URL address must be assigned to one Playing Scene in "URL2DSC.DAT".

II.2.3.3 Remark

- Remark is put between single quotation marks.
- If a single quotation mark is used in the Remark, it must be encoded as \'.
- The Maximum size of Remark is 32 Byte.

II.3 Identification

- A method to distinguish a disc that contains URL address based on this guidelines from normal Video CD disc is as follows.

  (1) The INTERNET directory exists.

  And (2) "URL2DSC.DAT" or "DSC2URL.DAT" exists under the INTERNET directory.

```
;ver1.0
character set=$XX
L00001  http://www.aaaa.co.jp/       'Remark'
        http://aaaa2.co.jp/aaa.html
        http://www.aaaa3.com/        'Remark'
L00002  http://www.bbbb.co.jp/       'Remark'
L00003  http://www.cccc.co.jp/
        http://www.cccc2.co.jp/
L05312  http://www.dddd.com/         'this is a \'comment\''
character set=$YY
L12345  http://www.eeee.com/
L32767  http://www.ffff.com/
T02-01  http://www.gggg.com/
T03     http://www.hhhh1.co.jp/
        http://www.hhhh2.co.jp/hhhh/index.html  'Remark'
T05-05  http://www.eeee.nl/
```

Figure II-2 An example of DSC2URL.DAT

```
;ver1.0
character set=$XX
L00001  http://www.aaaa.co.jp/   'Remark'
L00001  http://aaaa2.co.jp/aaa.html
L00001  http://www.aaaa3.com/    'Remark'
L00002  http://www.bbbb.co.jp/   'Remark'
L00003  http://www.cccc.co.jp/
L00003  http://www.cccc2.co.jp/
L05312  http://www.dddd.com/     'this is a \'comment\''
character set=$YY
L12345  http://www.eeee.com/
L32767  http://www.ffff.com/
T02-01  http://www.gggg.com/
T03     http://www.hhhh1.co.jp/
T03     http://www.hhhh2.co.jp/hhhh/index.html 'Remark'
T05-05  http://www.eeee.nl/
```

Figure II-3 An example of URL2DSC.DAT